| Ref<br>#   | Hits  | Search Query  | DBs                | Default<br>Operator | Plurals | Time Stamp       |
|------------|-------|---|--------------------|---------------------|---------|------------------|
| S1         | 1     | "20030112851"   | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/24 14:59 |
| S2         | 981   | 375/150.CCLS.   | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/24 11:39 |
| S3         | 12    | US-6072807-\$.DID. OR<br>US-6072998-\$.DID. OR<br>US-6052408-\$.DID. OR<br>US-6047019-\$.DID. OR<br>US-5974584-\$.DID. OR<br>US-5742583-\$.DID. OR<br>US-5732111-\$.DID. OR<br>US-5555268-\$.DID. OR<br>US-5315615-\$.DID. OR<br>US-5103461-\$.DID. OR<br>US-5142550-\$.DID. OR | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/18 11:15 |
| S4         | 810   | S2 AND @ad<"20020101"   | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/18 11:30 |
| S5         | 156   | S4 AND "code length"  | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/18 11:58 |
| S6         | 258   | S4 AND (correl\$ WITH threshold)  | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/18 11:58 |
| <b>S</b> 7 | 226   | S4 AND (correlation WITH threshold)   | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/18 11:58 |
| S8         | 55    | S5 AND (correlation WITH threshold)   | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/18 11:58 |
| S9         | 11    | S4 AND "correlation threshold"  | US-PGPUB;<br>USPAT | OR                  | ON      | 2006/03/13 08:26 |
| S10        | 61    | "2" AND (threshold WITH "channel estimation")   | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/22 09:11 |
| S11        | 27    | "3150641"   | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/18 15:41 |
| S12        | 1     | "3150641".pn.   | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/18 15:42 |
| S13        | 109   | "375"/\$.CCLS. AND "correlation threshold"  | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/22 09:12 |
| S14        | 9     | "375"/\$.CCLS. AND ("correlation threshold" WITH frequency)   | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/22 09:12 |
| S15        | 8     | S14 AND @ad<"20020101"  | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/22 09:17 |
| S16        | 32373 | "375"/\$.CCLS. AND<br>@ad<"20020101"  | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/09/22 06:57 |
| S17        | 6782  | S16 AND (correlat\$ AND change)   | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/22 09:18 |

| S18 | 831 | S16 AND (correlat\$ WITH change)                             | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 09:21 |
|-----|-----|--|--------------------|----|----|------------------|
| S19 | 109 | S16 AND (correlat\$ WITH change WITH frequency)              | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 09:21 |
| S20 | 52  | S16 AND (correlation WITH threshold WITH length)             | US-PGPUB;<br>USPAT | OR | ON | 2005/09/22 06:57 |
| S21 | 159 | S16 AND (correlation WITH threshold) AND "code length"       | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 11:00 |
| S22 | 990 | S16 AND "channel estimation"                                 | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 11:00 |
| S23 | 1   | S22 AND (change WITH "code length")                          | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 11:01 |
| S24 | 109 | 375/150.CCLS. AND "channel estimation"                       | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 11:03 |
| S25 | 61  | "2" AND (threshold WITH "channel estimation")                | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 11:02 |
| S26 | 108 | S24 NOT S25  | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 11:02 |
| S27 | 78  | S24 AND @ad<"20020101"                                       | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 11:03 |
| S28 | 1   | S16 AND "length".TI. AND correlat\$ AND "channel estimation" | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 11:24 |
| S29 | 54  | S16 AND "length".TI. AND correlat\$                          | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 11:36 |
| S30 | 12  | "correlation threshold" AND "code length"                    | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 13:20 |
| S31 | 884 | 375/343.CCLS.  | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 11:45 |
| S32 | 132 | S31 AND @ad>"20020101"                                       | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 11:45 |
| S33 | 120 | S32 NOT 375/150.CCLS.  | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 11:57 |
| S34 | 0   | S33 AND @ad<"20020101"                                       | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 11:57 |
| S35 | 549 | "correlation" WITH change WITH frequenc\$                    | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 11:58 |
| S36 | 417 | S35 AND @ad<"20020101"                                       | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 11:58 |
| S37 | 13  | S36 AND "PN code"  | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 12:01 |
| S38 | 454 | "adjust" WITH "carrier frequency"                            | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 12:02 |

| S39 | 364   | S38 AND @ad<"20020101"  | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 12:02 |
|-----|-------|---|------------------------------|-----------------|----|------------------|
| S40 | 23    | S39 AND 375/140-153.CCLS.   | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 12:02 |
| S41 | 12    | "correlation threshold" AND (adaptive WITH length)  | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 13:55 |
| S42 | 28    | S16 AND "frequency adaptive"  | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 14:04 |
| S43 | 7     | "correlator channel estimator"  | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 14:06 |
| S44 | 4     | "correlation channel estimator"   | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 15:23 |
| S45 | 1     | "correlation threshold" WITH (channel ADJ2 estimat\$)   | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 14:10 |
| S46 | 9548  | (correlat\$ WITH peak)  | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 14:10 |
| S47 | 28    | S46 WITH (channel ADJ2 estimat\$)   | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 14:41 |
| S48 | 330   | 376/346-352.CCLS. AND<br>@ad<"20020101"   | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 14:42 |
| S49 | 3     | S48 AND correlat\$  | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 14:42 |
| S50 | 2921  | 375/346-352.CCLS. AND<br>@ad<"20020101"   | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 14:42 |
| S51 | 1143  | S50 AND correlat\$  | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 14:43 |
| S52 | 643   | S50 AND correlat\$ AND code AND frequency   | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 14:43 |
| S53 | 243   | channel ADJ3 estimat\$ ADJ3 correlat\$  | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 15:23 |
| S54 | 158   | S53 AND @ad<"20020101"  | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 15:23 |
| S55 | 9     | ("5053860"   "5214501"  <br>"5682376"   "5694389"  <br>"5764706"   "5867478"  <br>"5914933"   "6192068"  <br>"6219334").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR <sup>.</sup> | ON | 2005/03/22 17:16 |
| S56 | 10453 | S16 AND interference  | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 17:17 |
| S57 | 1033  | S16 AND (interference WITH correlat\$)  | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 17:17 |
| S58 | 229   | S57 AND (change WITH freq\$)  | US-PGPUB;<br>USPAT           | OR              | ON | 2005/03/22 17:18 |

| S59 | 78  | S57 AND (change ADJ2 freq\$)                      | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 17:22 |
|-----|-----|---|--------------------|----|----|------------------|
| S60 | 1   | "20030095589"                                     | US-PGPUB;<br>USPAT | OR | ON | 2005/03/22 17:22 |
| S61 | 5   | (correlation WITH threshold WITH "code length")   | US-PGPUB;<br>USPAT | OR | ON | 2005/03/24 11:23 |
| S62 | 32  | (adaptive WITH "code length")                     | US-PGPUB;<br>USPAT | OR | ON | 2005/03/24 11:23 |
| S63 | 24  | S62 AND @ad<"20020101"                            | US-PGPUB;<br>USPAT | OR | ON | 2005/03/24 11:24 |
| S64 | 983 | 375/150.CCLS.                                     | US-PGPUB;<br>USPAT | OR | ON | 2005/03/24 11:41 |
| S65 | 810 | S64 AND @ad<"20020101"                            | US-PGPUB;<br>USPAT | OR | ON | 2005/03/24 11:40 |
| S66 | 420 | 375/146.CCLS.                                     | US-PGPUB;<br>USPAT | OR | ON | 2005/03/24 11:41 |
| S67 | 326 | S66 AND @ad<"20020101"                            | US-PGPUB;<br>USPAT | OR | ON | 2005/03/24 14:16 |
| S68 | 1   | "5712869".pn.                                     | US-PGPUB;<br>USPAT | OR | ON | 2005/03/24 11:56 |
| S69 | 18  | "code length" WITH "correlation peak"             | US-PGPUB;<br>USPAT | OR | ON | 2005/03/24 14:18 |
| S70 | 0   | "code length" WITH "peak<br>threshold"            | US-PGPUB;<br>USPAT | OR | ON | 2005/03/24 14:18 |
| S71 | 0   | "PN length" WITH "correlation threshold"          | US-PGPUB;<br>USPAT | OR | ON | 2005/03/24 14:19 |
| S72 | 1   | "correlation threshold" WITH<br>"sequence length" | US-PGPUB;<br>USPAT | OR | ON | 2005/03/24 14:19 |
| S73 | 513 | "correlation threshold"                           | US-PGPUB;<br>USPAT | OR | ON | 2005/03/24 14:21 |
| S74 | 5   | S73 WITH (signal ADJ2 noise)                      | US-PGPUB;<br>USPAT | OR | ON | 2005/03/24 14:21 |
| S75 | 77  | (correlat\$ WITH pilot WITH threshold)            | US-PGPUB;<br>USPAT | OR | ON | 2005/03/24 14:59 |
| S76 | 45  | S75 AND @ad<"20020101"                            | US-PGPUB;<br>USPAT | OR | ON | 2005/03/24 15:32 |
| S77 | 97  | (signal ADJ2 noise) WITH "correlation peak"       | US-PGPUB;<br>USPAT | OR | ON | 2005/03/24 15:32 |
| S78 | 77  | S77 AND @ad<"20020101"                            | US-PGPUB;<br>USPAT | OR | ON | 2005/03/24 15:32 |
| S79 | 982 | hideo.IN. AND fujii.IN.                           | JPO                | OR | ON | 2005/03/25 10:24 |
| S80 | 1   | "2000294644"                                      | JPO                | OR | ON | 2005/03/25 10:31 |
| S81 | 0   | "294644"  | JPO                | OR | ON | 2005/03/25 10:17 |

|          |       |   |                              |    | ,  |                  |
|----------|-------|---|------------------------------|----|----|------------------|
| S82      | 1     | "2000294664"  | JPO                          | OR | ON | 2005/03/25 10:22 |
| S83      | 1     | "2000294464"  | JPO                          | OR | ON | 2005/03/25 10:22 |
| S84      | 1     | "2000294464"  | JPO                          | OR | ON | 2005/03/25 10:22 |
| S85      | 0     | hideo.IN. ADJ "fujii.IN"  | JPO                          | OR | ON | 2005/03/25 10:22 |
| S86      | 0     | hideo.IN. AND "fujii.IN"  | JPO                          | OR | ON | 2005/03/25 10:23 |
| S87      | 909   | hideo.IN. AND fujii.IN. AND<br>@ad<"20020101"   | JPO                          | OR | ON | 2005/03/25 10:23 |
| S88      | 76    | S87 AND @ad>"20001010"  | JPO                          | OR | ON | 2005/03/25 10:23 |
| S89      | 3     | S79 AND terminal.TI.  | JPO                          | OR | ON | 2005/03/25 10:24 |
| S90      | 229   | "correlation peak"  | JPO                          | OR | ON | 2005/03/25 10:31 |
| S91      | 16    | "correlation peak" WITH "threshold"   | JPO                          | OR | ON | 2005/03/25 10:33 |
| S92      | . 281 | "correlation peak" WITH "threshold"   | US-PGPUB;<br>USPAT           | OR | ON | 2005/03/25 10:38 |
| S93      | 4     | S92 AND "channel estimate"  | US-PGPUB;<br>USPAT           | OR | ON | 2005/03/25 10:33 |
| S94      | 0     | "correlation peak" WITH "threshold" WITH estimate   | US-PGPUB;<br>USPAT           | OR | ON | 2005/03/25 10:38 |
| S95      | 33336 | "375"/\$.CCLS. AND<br>@ad<"20020101"  | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/22 06:57 |
| S96      | 222   | S95 AND (correlat\$ WITH peak WITH thresh\$)  | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/22 06:58 |
| S97      | 2690  | 375/147-153.CCLS.   | US-PGPUB;<br>USPAT           | OR | ON | 2005/10/03 12:02 |
| S98      | 1200  | S97 AND threshold   | US-PGPUB;<br>USPAT           | OR | ON | 2005/10/03 13:13 |
| S99      | 2690  | 375/147-153.CCLS.   | US-PGPUB;<br>USPAT           | OR | ON | 2005/10/03 13:14 |
| S10<br>0 | 1200  | S99 AND threshold   | US-PGPUB;<br>USPAT           | OR | ON | 2005/10/03 13:55 |
| S10<br>1 | 107   | S100 AND "channel estimate"   | US-PGPUB;<br>USPAT           | OR | ON | 2005/10/03 13:14 |
| S10<br>2 | 24    | S100 AND (change ADJ2 length)   | US-PGPUB;<br>USPAT           | OR | ON | 2005/10/04 06:57 |
| S10<br>3 | 3     | ("6137788" "6529482" "6529741"<br>).PN.   | US-PGPUB;<br>USPAT           | OR | ON | 2005/10/04 06:58 |
| S10<br>4 | 14    | ("4901307"   "5056109"  <br>"5103459"   "5727033"  <br>"5903554"   "5946346"  <br>"5982760"   "6075974"  <br>"6084904"   "6151508"  <br>"6167273"   "6181738"  <br>"6208873"   "6373823").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/04 07:15 |

|          |       |  |                    | ·  |    |                  |
|----------|-------|--|--------------------|----|----|------------------|
| S10<br>5 | 246   | 375/146.CCLS. AND<br>@ad<"20000101"                        | US-PGPUB;<br>USPAT | OR | ON | 2005/10/04 10:57 |
| S10<br>6 | 181   | S105 AND carrier   | US-PGPUB;<br>USPAT | OR | ON | 2005/10/04 10:00 |
| S10<br>7 | 1     | S105 AND (digital ADJ media)                               | US-PGPUB;<br>USPAT | OR | ON | 2005/10/04 10:57 |
| S10<br>8 | 1     | S105 AND "program instructions"                            | US-PGPUB;<br>USPAT | OR | ON | 2005/10/04 10:58 |
| S10<br>9 | 862   | "375"/\$.CCLS. AND "program instructions"                  | US-PGPUB;<br>USPAT | OR | ON | 2005/10/04 10:58 |
| S11<br>0 | 178   | "375"/\$.CCLS. AND "program instructions" AND CDMA         | US-PGPUB;<br>USPAT | OR | ON | 2005/10/04 10:58 |
| S11<br>1 | 82    | "375"/\$.CCLS. AND "program instructions" AND CDMA AND DSP | US-PGPUB;<br>USPAT | OR | ON | 2005/10/04 10:58 |
| S11<br>2 | 31    | S111 AND @ad<"20010101"                                    | US-PGPUB;<br>USPAT | OR | ON | 2005/10/04 13:12 |
| S11<br>3 | 153   | "5442625"  | US-PGPUB;<br>USPAT | OR | ON | 2005/10/04 13:12 |
| S11<br>4 | 1     | "5442625".pn.  | US-PGPUB;<br>USPAT | OR | ON | 2005/10/04 13:12 |
| S11<br>5 | 326   | 375/140.CCLS.  | US-PGPUB;<br>USPAT | OR | ON | 2005/10/05 07:22 |
| S11<br>6 | 460   | 375/146.CCLS.  | US-PGPUB;<br>USPAT | OR | ON | 2005/10/05 07:22 |
| S11<br>7 | 702   | 375/147.CCLS.  | US-PGPUB;<br>USPAT | OR | ON | 2005/10/05 07:22 |
| S11<br>8 | 1071  | 375/150.CCLS.  | US-PGPUB;<br>USPAT | OR | ON | 2005/10/05 07:22 |
| S11<br>9 | 46    | 375/151.CCLS.  | US-PGPUB;<br>USPAT | OR | ON | 2005/10/05 07:23 |
| S12<br>0 | 350   | 375/152.CCLS.  | US-PGPUB;<br>USPAT | OR | ON | 2005/10/05 07:23 |
| S12<br>1 | 22    | 375/153.CCLS.  | US-PGPUB;<br>USPAT | OR | ON | 2005/10/05 07:23 |
| S12<br>2 | 47770 | "375"/\$.CCLS.   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 08:26 |
| S12<br>3 | 2114  | S122 AND doppler   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 08:26 |
| S12<br>4 | 511   | S123 AND "GPS"   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 08:26 |
| S12<br>5 | 44    | S124 AND ((change OR vary OR increment) ADJ frequency)     | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:07 |
| S12<br>6 | 279   | (vary WITH frequency WITH correlat\$)                      | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 08:32 |

| S12<br>7 | 213    | S126 AND @ad<"20020101"                           | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 08:54 |
|----------|--------|---|--------------------|----|----|------------------|
| S12<br>8 | 57     | (correlat\$ WITH channel WITH attenuation)        | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 08:55 |
| S12<br>9 | 42     | S128 AND @ad<"20020101"                           | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 08:55 |
| S13<br>0 | 314    | correlat\$ WITH "channel estimate"                | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:09 |
| S13      | 173    | S130 AND @ad<"20020101"                           | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:24 |
| S13<br>2 | 2      | S131 AND ((vary OR change) ADJ frequency)         | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:40 |
| S13<br>3 | 16     | "channel estimate" WITH frequency WITH correlat\$ | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:33 |
| S13<br>4 | 32022  | ((vary OR change) ADJ frequency)                  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:40 |
| S13<br>5 | 260    | S134 AND (correlat\$ WITH estimate)               | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:40 |
| S13<br>6 | 163    | S135 AND @ad<"20020101"                           | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:41 |
| S13<br>7 | 34     | S136 AND "375"/\$.CCLS.                           | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:54 |
| S13<br>8 | 0      | "correlate each frequency"                        | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:55 |
| S13<br>9 | 0      | "correlate" WITH "each frequency"                 | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:55 |
| S14<br>0 | 0      | correlat\$ WITH "each frequency"                  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:57 |
| S14<br>1 | 0      | "each frequency"                                  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:57 |
| S14<br>2 | 969585 | frequency   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:57 |
| S14<br>3 | 0      | "each frequency"                                  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:57 |
| S14<br>4 | 0      | "each" ADJ "frequency"                            | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:58 |
| S14<br>5 | 969585 | "frequency"                                       | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:59 |
| S14<br>6 | 1235   | "every frequency"                                 | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:59 |
| S14<br>7 | 16     | correlat\$ WITH "every frequency"                 | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 09:59 |
| S14<br>8 | 1534   | "each"  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 11:09 |

| S14<br>9 | 0    | "each frequency"  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 11:09 |
|----------|------|---|--------------------|----|----|------------------|
| S15<br>0 | 0    | "correlate each frequency"  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 11:09 |
| S15<br>1 | 58   | correlat\$.TI. AND frequency.TI.  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 11:27 |
| S15<br>2 | 13   | ("20030202619" "20040146124" "<br>20040146124" "4561089" "46530<br>76" "5276706" "5579338" "60350<br>03" "6122506" "6466958" "66311<br>73" "6671311" "6775324" "67887<br>31").PN. | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 11:16 |
| S15<br>3 | 1    | correlat\$.TI. AND attenuation.TI.  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 11:28 |
| S15<br>4 | 29   | correlat\$.TI. AND "channel estimate"   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 11:31 |
| S15<br>5 | 4169 | 375/140-153.CCLS.   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 11:31 |
| S15<br>6 | 660  | S155 AND ((vary OR change) with frequency)  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 11:31 |
| S15<br>7 | 47   | S156 AND "channel estimate"   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 11:32 |
| S15<br>8 | 502  | S156 AND @ad<"20020101"   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 11:32 |
| S15<br>9 | 30   | S157 AND @ad<"20020101"   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 11:47 |
| S16<br>0 | 0    | "estimate each frequency"   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 11:47 |
| S16<br>1 | 1534 | "each"  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 11:47 |
| S16<br>2 | 0    | "estimate every frequency"  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/13 11:48 |
| S16<br>3 | 0    | estimate WITH all WITH frequenc\$   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/14 08:07 |
| S16<br>4 | 1    | "20030179813"   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/14 10:55 |
| S16<br>5 | 1    | "20040062330"   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/14 10:56 |